

# Converting Colors

Hex(C0E58C)

Have a look what the booklet for  
Hex(C0E58C) contains.

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**Color**

**Hex(C0E58C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0E58C
RGB	192, 229, 140
RGB Percent	75%, 90%, 55%
CMY	0.2471, 0.1020, 0.4510
CMYK	0.16, 0.00, 0.39, 0.10
HSL	85°, 63%, 72%
HSV	85°, 39%, 90%
XYZ	54.4912, 69.1385, 35.2840
YIQ	207.7910, 6.5170, -35.5230

# Conversions

## Conversions Part 2

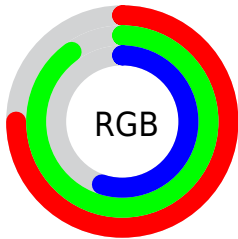
Format	Color
<a href="#">RYB</a>	<a href="#">140, 229, 177</a>
Decimal	<a href="#">12641676</a>
CIELab	<a href="#">86.57, -26.76, 39.48</a>
CIElCh	<a href="#">87, 47.689, 124.128</a>
Yxy	<a href="#">69.1385, 0.3429, 0.4351</a>
Android (android.graphics.Color)	<a href="#">4290831756</a> ( <a href="#">0xFFC0E58C</a> )
YUV	<a href="#">207.7910, -33.4210, -13.8487</a>
Hunter-Lab	<a href="#">83.1496, -28.5338, 33.0454</a>

# Details

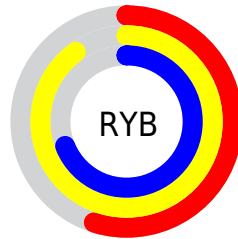
The Hex color **C0E58C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B18CE5**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F9FFC3**, and **89AD58** is the 20% darker color. If you saturate the color by 10%, you get **B6E575**, and if you desaturate by 10%, it is **CAE5A3**.

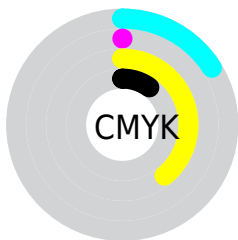
# Distribution



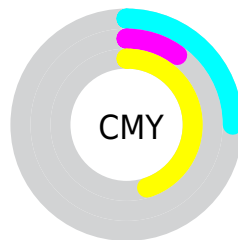
- Red (75%)
- Green (90%)
- Blue (55%)



- Red (55%)
- Yellow (90%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0E58C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C0E58C by changing the saturation by 10% instead.



 C0E58C

 C0E58C

FFFFFF

 A4C972

 F9FFC3

 89AD58

 FFFFDF

 6F933F

 FFFFFC

 557927

 3C600C

 234800

 073100

 001E00

 000000

 C0E58C

 C0E58C

 B6E575

 CAE5A3

 ADE55E

 D3E5BA

 A3E547

 DDE5D1

 9AE530

 E6E5E8

 90E51A

 F0E5FF

 87E503

 F9E5FF

 86E500

 FFE5FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F0D87D



C0E58C



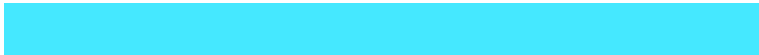
88EDB0

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C0E58C



45E8FF



FFB5D4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C0E58C



B18CE5

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBBFF



C0E58C



A0DBFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C0E58C



00EFFF



E6CBFF



FFBAA8

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C0E58C



5CF0CE



E6CBFF



FFB6E4

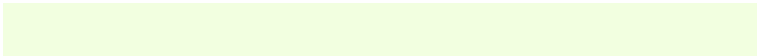


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C0E58C



F2FFE0



E5B08C



78806E



000000



808080

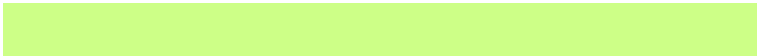


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C0E58C



CDFF87



95E58C



6E7367



68B300



1E3300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B18CE5



B987FF



DC8CE5



6C6773



4A00B3



150033



# Previews

## White Background



This preview shows how the Hex color C0E58C looks on a white background.

## Color Contrast Check

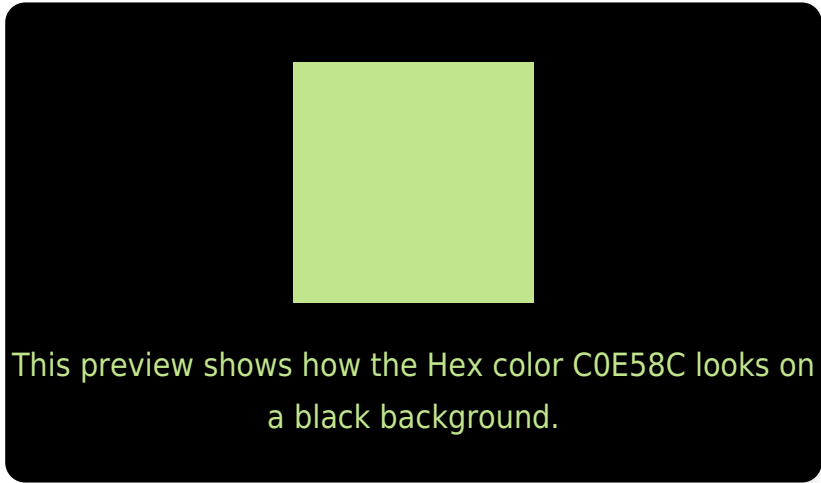
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0E58C Background



This preview shows how black text looks on a background with the Hex color C0E58C.

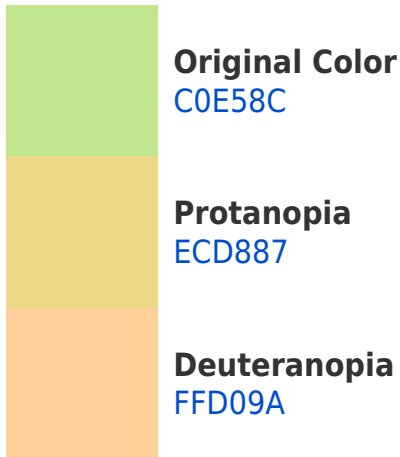


This preview shows how white text looks on a background with the Hex color C0E58C.

# Color Blindness Simulation

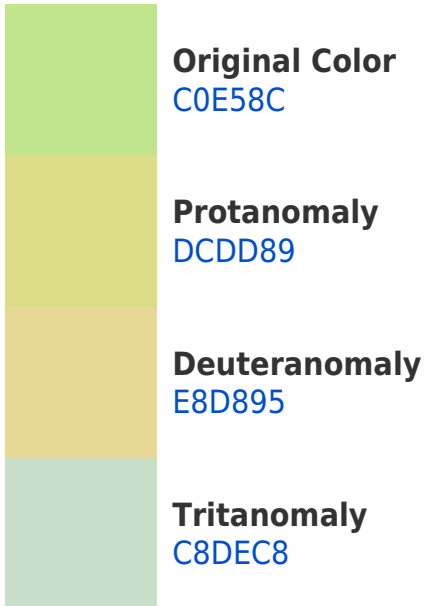
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

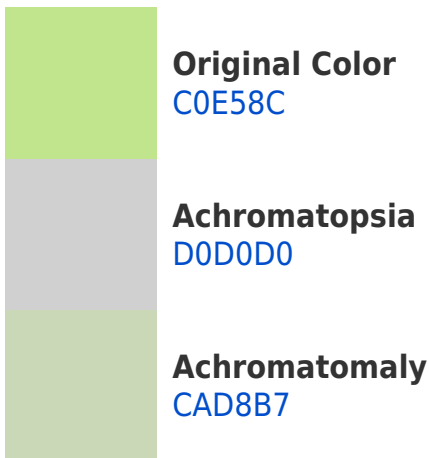




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0E58C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C0E58C looks like.

```
.text, #text, p{  
    color:#C0E58C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C0E58C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E58C
}
```

## Border

The CSS property to change the border of an element to Hex C0E58C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C0E58C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C0E58C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C0E58C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E58C; -webkit-box-shadow:4px 4px  
4px 4px #C0E58C; box-shadow:4px 4px 4px  
4px #C0E58C }
```

# Background

The CSS property to change the background color of an element to Hex C0E58C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E58C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C0E58C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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